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(54) Title: MODULATING CELL SURVIVAL BY MODULATING HUNTINGTIN FUNCTION

(57) Abstract: The present invention provides a means of modulating cell survival by modulating wild-type huntingtin protein function by administration of wild-type huntingtin protein, biologically active fragments thereof and/or antagonists of wild-type huntingtin. Accordingly, the present invention also provides biologically active fragments of wild-type huntingtin, antagonists of wild-type huntingtin and nucleic acid sequences encoding the biologically active fragments and peptide antagonists, and their use to modulate cell survival. In particular, the invention provides for means to activate or attenuate cell death within tissue, in order to facilitate the treatment of conditions where there is a dysregulation of cell death or cellular proliferation. Therapeutic application of this invention pertains to diseases and disorders including, but not limited to, Huntington disease, neurodegenerative diseases, stroke, and cancer.

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